

Mountain View County
al to Supply Two (2) Tandem Gravel Trucks with Cab,
Box and Hoist, Sander and Plow

VENDOR: _____

DATE: _____

REQUEST FOR PROPOSAL NO.: 9-2015

SPECIFICATIONS

	YES/NO	Alternative or Substitute
VEHICLE: Tandem Gravel Trucks, Box and Hoist, Sander & Plow		
QUANTITY: 2		
PART I: TANDEM GRAVEL TRUCKS WITH CAB		
1.0 ORDER/CUSTOMER/VEHICLE INFORMATION		
INITIAL REGISTRATION LOCATION: Canada, Alberta		
TYPE OF SERVICE: Municipal		
VEHICLE APPLICATION CLASS: Vocational Class "C" - Unlimited operation on concrete, asphalt, or maintained gravel/packed dirt with a maximum 3% grade; limited operation on unmaintained surfaces with maximum 5% grade; limited operation on concrete, asphalt, or maintained gravel/packed dirt with maximum 8% grade.		
(3 Axles) 78000# Max GVW.		
CARRIER APPLICATION: Not available		
VEHICLE TYPE: Straight Truck		
VEHICLE USE AND BODY TYPE: Snow Plow...On/Off Hwy		
COMMODITIES: Gravel		
FILE STATUS: Quote		
2.0 BVS/FRT AXLE POS/WHEELBASE/PLATFORM		
CHASSIS (BASE MODEL): Rear Tandem		
FRAME RAILS: 10.625" x 3.25" x .3125" (5/16" main rail) minimum Steel constant section combined rating w/inside channel reinforcement Section Modulus 23.79 cu in/RBM 2,854,800 in lbs per rail.		
WHEELBASE: Concern for exhaust stack & 15-foot gravel box		
PLATFORM: 196" LP (4978 mm) 65" AF (1651 mm) used with 210" WB		
FRAME REINFORCEMENT: Inside 1/4" full length of main rail ext. to front extension, snow plow extension, provision and snow package		
3.0 ENGINE/TRANSMISSION		
ENGINE: 500 HP min. @ 1950 RPM 1850 lb ft. max. torque @1400 RPM		
TRANSMISSION: 6-speed automatic, Allison 4500-RDS-6 (4.70/0.67)		
rugged duty series includes transmission cooler, external oil cooler, internal filter, and oil level sensor.		

Mountain View County

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4.0 ENGINE EQUIPMENT		
AIR COMPRESSOR: Meritor/Wabco 318 18.7 CFM		
AIR CLEANER: 11" x 30" (279 mm x 762 mm) under hood single element dry type w/air intake from both sides of hood		
Bendix Westinghouse air governor MTD on firewall		
AIR INTAKE: Inside/outside w/in-cab control		
ALTERNATOR: Delco 12V 145A (24SI)		
BATTERIES: 3,950 CCA Batteries Total 2850 CCA		
COOLANT PROTECTION: To below -40 degrees fahrenheit (-40 degrees celsius) coolant conditioner		
COOLING PERFORMANCE: Standard cooling performance		
ENGINE BRAKE: Jacob		
ENGINE BLOCK HEATER: Gomack (Phillips) 1000-1500 Watt 110 Volt		
ENGINE HOSES AND TUBING: Silicone (does not include heater and radiator hoses)		
EXHAUST: Single vertical exhaust w/curved stack		
Poly-v fan belt with automatic tensioner		
FAN DRIVE: Horton "On-Off" water sensing with plastic fan blades		
FLYWHEEL HOUSING: Lightweight, aluminum		
FUEL-WATER SEPARATOR: Manual drain valve (integral w/primary fuel filter)		
Hand primer fuel pump		
HOSES: Radiator/heater, gates blue stripe		
RADIATOR: Copper core, front PTO provision		
SERVICE INTERVAL: Lube oil system, ESI plus w/two spin on full flow oil filters w/centri-max centrifugal oil filter (extended service interval)		
Starter, 12 volt gear reduction starter		
5.0 TRANSMISSION EQUIPMENT/DRIVELINES		
TRANSMISSION BELL HOUSING: Aluminum		
Trans oil cooler		
SYNTHETIC LUBRICANT: Transmission, transynd synthetic lube for Allison trans.		
VOCATIONAL PACKAGE: Allison, Allison vocational pkg. #99113 rugged duty series (RDS) - on/off highway		
DRIVELINE: Main, meritor 17N HD w/coated splines		
DRIVELINE: Interaxle, meritor 17N HD w/coated splines		
6.0 CAB		
INTEGRAL: W/heater combination heavy duty heater/defroster/conditioner		
AIR CONDITIONING COMPRESSOR: Rotary freon		
AIR RESTRICTION MONITOR (INTAKE): Graduated lock-up type (w/memory) dash mounted		
CAB: Conventional (welded steel galvanized shell) includes rust-preventative procedures		
CAB MOUNTIN: Air suspension		
CERTIFIED WEIGHT		
COAT HOOK: (1) on rear wall behind rider's seat		
DRIVER'S CUPHOLDERS		

Mountain View County

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DASH MOUNTED SWITCHES: 6 additional switches		
DOME LIGHT: (1) w/self-contained switch		
DOOR INTERIOR TRIM PANELS: Padded vinyl		
ENGINE SHUTOFF: Key type		
FENDER EXTENSIONS		
FLOOR COVERING: Black rubber mats w/closed cell vinyl nitrile foam backing		
GAUGE: Air pressure		
GAUGE: Voltmeter		
GAUGE CLUSTER: Exhaust pyrometer, engine, transmission, oil temperature, manifold pressure, and air application gauges, air bag pressure for weight estimates.		
GAUGE: Engine coolant temperature		
GAUGE: Engine oil pressure		
GAUGE: Fuel level		
GAUGES: Metric roadspeed (in lbs for other gauges)		
GAUGE: Speedometer w/trip odometer (electronic 1% accuracy)		
GAUGE: Engine tachometer (electronic with hour meter)		
GEAR SHIFT: Dash mounted shifter; auto trans push button		
GLASS: Cab window, safety tinted windshield, side and rear windows		
GRAB HANDLES: Aluminum, RH and LH, behind door		
GRILLE: Silver painted w/o grille surround		
HEADLAMP BEZEL: Molded plastic (argent paint)		
HOOD AND FENDERS: One piece w/wheel splash aprons (tilts forward 75 degrees w/ 2 springs assist) SMC (sheet molding compound)		
HORN: Air (1)		
HORN: Electric, single tone		
IDENTIFICATION/CLEARANCE (5) marker and clearance		
INSTRUMENT PANEL: Gray with black gage bezel		
INTERIOR TRIM(CUSTOM) FEATURES: Padded vinyl headliner with integral overhead header console with storage, rear panel with storage pouch, black rubber floor mats with closed cell nitrile backing. Dash panel and firewall covering, cup holder, charcoal gauge panel with black bezels. Light saddle door insert panel. LH and RH sun visor, saddle driver's seat with vinyl sides and full fabric seat and back, riders seat and tilt/telescope steering column and peep window.		
CHASSIS KEYED AT RANDOM: 2 keys		
LOW PRESSURE INDICATOR LIGHT AND BUZZER		
MIRROR BRACKETS: Extended for 102" width trailers		
MIRRORS: Exterior, west coast, RH and LH bright finish heated		
MIRRORS: Convex type, bright finish, LH and RH 8.0" dia heated; mounted below lower arm of west coast mirror		
PARKING BRAKE: On indicator light		
POWER OUTLETS: Two additional 12-volt supplementary		
RADIO ACCOMMODATION PKG: Includes antenna, power supply and two speakers		
RADIO ANTENNA: Cab mounted behind LH door		
AM/FM RADIO: Mounted		

Mountain View County

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POWER LEADS: (5-way binding posts for CB radio) mounted on top of dash		
REAR WINDOW: (Fixed type)		
SEAT: Driver, bostrom talladega 915 (hi-back) air suspension		
SEAT: Rider, fixed (mid-back) non-suspension; enclosed storage under seat.		
SEAT ARM RESTS: Inboard mounted arm rest, driver's seat only		
SEAT COVERING: Cloth vinyl trim driver and rider		
SEATBELTS/RETRACTORS: Lap and shoulder w/cab mounted shoulder belt w/adjustable d-ring for driver and rider seats		
W/O roof vent ventilation		
SIDE MARKERS: Lamps and reflectors		
STARTER SWITCH: Key type		
STEERING COLUMN: Adjustable tilt telescope		
STEERING WHEEL: 18" two spoke w/soft feel black Urethane rim finish		
STORAGE ACCESSORIES: Padded vinyl with header storage shelf with door		
DISPATCH BOX: MTD on back panel		
SUN VISOR: Exterior, fiberglass (cab color)		
SUN VISOR: Interior, both sides (padded vinyl)		
TURN SIGNALS: Front (integral with fender)		
WINDOW CONTROLS: Power windows and door locks, both sides		
WINDSHIELD WASHERS: Electric, wiper mounted w/reservoir mounted under hood.		
WINDSHIELD WIPERS: 2-speed electric motor w/intermittent feature		
7.0 FRAME EQUIPMENT/FUEL TANKS		
BUMPER: Front, swept back steel channel ext 113"/2870 mm BBC (92.6" W x 10.0" H)		
CROSSMEMBERS: Back of cab (Boc) steel rolled flange I-beam Without fifth wheel mounting angles		
FRONT FRAME EXTENSION: 20" extension of parent frame for snow plow mount		
TOWING DEVICE: Front, hooks		
FUEL TANK: LH, 55 gallon 22" diameter steel		
FUEL TANK: RH, 55 gallon 22" diameter steel		
8.0 FRONT AXLE/EQUIPMENT/TIRES		
FRONT AXLE: 20,000 lb front axle		
TIRES BRAND/TYPE: Front, Goodyear, tubeless radial ply, (2) 315/80R22.5 18.J G291 Unisteel (all pos)		
WHEELS: Front, steel disc (10-hole)		
(2) 22.5 x 12.25 accuride 10-hole hub piloted (11 1/4"/286mm BC)		
HUBS: Front, ferrous		
BRAKES: Front, Meritor "S" Cam type 16.5" X 5" Q+		
BRAKE DRUMS: Front, cast outboard mounted		
BELLY BAND: Front spring rear bracket crossmember		
DUST SHIELDS: Front brake, furnish		
OIL SEALS: Front wheels, stemco (voyager)		

Mountain View County

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SHOCK ABSORBERS: Front			
SLACK ADJUSTERS: Front, Rockwell - automatic			
SPRINGS: Front, multileaf 20,000 lbs ground load rating			
STEERING: M110P			
9.0	REAR AXLE/EQUIPMENT/TIRES/RATIOS		
REAR AXLE/SUSPENSION: 48000lb (20866kg) Meritor RT46-160 (single reduction) W/PDLO, air 48000lb capacity			
TIRES BRAND/TYPE: Rear, Goodyear, tubeless radial ply, (8) 11R22.5 14 G G164 RTD unisteel (traction)			
CARRIER/RATIO: Rear axle, malleable housing, 4.56 ratio			
WHEELS: Rear, steel disc (10-hole)			
(8) 22.5 x 8.25 (210 mm) Accuride 10-hole hub piloted (11 1/4" bolt circle)			
HUBS: Rear, ferrous			
BRAKES: Rear, Meritor "S" Cam 16.5" x 7" Q+			
BRAKE DRUMS: Rear, cast outboard mounted			
DUST SHIELDS: Rear brake, furnish			
OIL SEALS: Stemco (Voyager)			
FACTORY OPTION: W/o brake chamber position			
SHOCK ABSORBERS: (4) outboard mounted on forward and axles each side			
SLACK ADJUSTERS: Rear, Rockwell - automatic			
SUSPENSION: Axle spacing, 52" to 55"			
SPRING BRAKE CHAMBERS: Quantity (4) double diaphragm type, mechanical spring release, (2) mounted on each axle - life-time			
SPRING BRAKE CHAMBERS: Vendor, MGM Model TR-T (tamper resistant)			
SPRING BRAKE CHAMBERS: Type 30/30 rear - lifetime			
TRANSVERSE TORQUE RODS: (Both Axles)			
LOCKING INTER-WHEEL DIFFERENTIALS: Driver controlled manual air valve w/warning light (both rear axles)			
10.0	AIR/BRAKE		
AIR LINES (CHASSIS): Extruded nylon tubing (1/8" and 1/4" lines are single extrusion; 3/8" and larger have polyester reinforced center)			
AIR BRAKE SYSTEM: Dual			
AIR CONTROL VALVES: Vendor, Bendix switches and valves where possible			
AIR DRYER: Meritor System Saver 1200 P heated air dryer			
AIR RESERVOIRS: Steel			
ANTI-LOCK BRAKE SYSTEM: Meritor without traction control			
BRAKE CONTROL VALVE SYSTEM: Two (2) valve dual brake system - trailer supply and tractor-trailer park			
HAND CONTROL VALVE: For trailer brakes			
MANUAL DRAIN VALVE LANYARD: Lanyard control on supply (wet) tank			
TRAILER CONNECTIONS: Full - to rear of chassis includes: (2) air lines and (1) seven wire cable w/seven wire plug routed to rear of chassis, breakaway safety valve, and (2) valve system (tractor park, tractor/trailer park and supply)			

Mountain View County

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11.0 ELECTRICAL		
BACK-UP ALARM: Ecco back-up alarm 575 constant sound level		
BATTERY BOX(ES): Steel		
BATTERY BOX COVERS: Polished aluminum		
BATTERY BOX: Mounting, single L.H. Battery box standard location		
BATTERY DISCONNECT SWITCH: W/rotary handle in cab on floor between driver's seat and door.		
CAB DOME: With switch		
DAYTIME RUNNING LIGHTS		
DOUBLES TRAILER ELECTRICAL PACKAGE INCLUDES: 12 gauge wire for turn signals, 12 gauge wire and 20 amp circuit w/relay for clearance and marker lamps, 10 gauge wire and 20 amp circuit for stop lamps, 12 gauge wire and 20 amp circuit w/relay for tail lamps and 8 gauge wire for ground		
ELECTRIC CIRCUIT PROTECTION PACKAGE: 12 volt w/fuses except headlamp and windshield wiper circuits utilize circuit breakers		
"BODY LINK": Body builder electrical interface		
HEADLIGHTS: Halogen 7" round w/integral turn signal		
HEADLIGHTS: Auxiliary, dash control and power supply for aux. headlights includes 24" wiring tied to grill (snow plow lights) supplied and mounted		
REAR LIGHTING: Standard tail lights		
SIGNAL FLASHER TYPE: Transistorized flasher for turn signal		
WIRING: Furnish electrical schematic (only illustrate chassis spec)		
12.0 PAINT		
PAINT: Cab, urethane base coat w/o clear coat, white		
PAINT: Cab interior, tan on grey		
PAINT: Chassis running gear, black (urethane)		
PAINT: Front wheels, without optional spoke wheel paint		
FRONT WHEELS: Pre-finished silver, white or black		
REAR WHEELS: Pre-finished silver, white or black		
13.0 VEHICLE ELECTRONICS		
ROAD SPEED LIMIT (RSL): 75 mph		
LOWER GEAR ROAD SPEED LIMIT (LGRSL): 65 mph		
LOWER GEAR ROAD LIMIT TRANS RATIO: 0.67		
MAXIMUM CRUISE CONTROL SPEED: 70 mph		
MINIMUM CRUISE CONTROL SPEED: 35 mph		
ENGINE BRAKE DELAY IN CRUISE: Furnish		
ENGINE BRAKE ENGAGEMENT DELAY IN CRUISE: 2 mph		
ENGINE BRAKE DISENGAGEMENT DELAY IN CRUISE		
INHIBIT CRUISE CONTROL WITH PTO ON: Furnish		
CRUISE CONTROL AUTO RESUME: Furnish		
GOVERNOR SETTINGS		
GOVERNOR TYPE		
HIGH IDLE (max no load) RPM: 2100 rpm		
ENGINE OVERSPEED FAULT THRESHOLD: 2350 rpm		
LOW IDLE (min no load) RPM: 650 rpm		
TAMPER RESISTANCE		

Mountain View County

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DETECT LOSS OF SIGNAL FROM MPH SENSOR: Furnish		
LIMIT POWER IF NO MPH SENSOR SIGNAL: Furnish		
ENGINE LOAD THRESHOLD FOR NO MPH SIGNAL: Fault		
FAILED MPH SENSOR ENGINE POWER LIMIT		
HAND THROTTLE CONTROL, ELECTRONIC HAND THROTTLE (EHT):		
EHT Maximum road speed 10 mph		
EHT Engine speed limit 2100 rpm		
EHT Maximum set speed 2100 rpm		
EHT Minimum set speed 625 rpm		
EHT Ramp rate (rpm/second)		
EHT Single speed control rpm 625 rpm		
EHT Single speed control/SSC: Omit		
ENGINE PROTECTION SYSTEM: Engine shutdown and warning w/manual override switch		
COOLANT TEMPERATURE SHUTDOWN: Furnish		
OIL PRESSURE SHUTDOWN: Furnish		
DATA SAVE MODE WRAP		
VEHICLE OVERSPEED: All conditions 75 mph		
VEHICLE OVERSPEED: Fueled only 75 mph		
ENGINE OVERSPEED: Severe 2350 rpm		
ENGINE OVERSPEED: All conditions 2150 rpm		
ENGINE OVERSPEED: Fueled only 1850 rpm		
IDLE LOGGING DELAY: 2 min		
PART II: SANDER AND PLOW		
14.0 GENERAL - PLOW		
Variable controlled angle (two-way) hydraulic		
12 feet wide; 42 inches high (minimum)		
Adjustable verticle angle to road surface to accommodate carbide blades (90°)		
Adjustable screw type skid shoes		
Full safety trip with adjustable spring tensioners		
Quick detach with front plate supplied and installed		
Parts Book (Paper) to Be Supplied		
Price separately and in detail		
15.0 COMPLETE TURN-KEY HYDRAULIC PACKAGE		
Complete mounting package to be mounted on truck of our choice (tandem gravel extended frame)		
Package will include piston pump, valving, hoses and controls for plow, sander and box hoist.		
Controller to be mounted inside cab on pedestal at right side of driver's seat		
Would prefer to use only one (1) front mount pison pump for plow, sander and box hoist cylinder		
Controller to match - Prefer Compo-tech AS3		
Specify requirements of GPM, etc. so proper pump and tank may be supplied.		

Mountain View County

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PART III: BOX AND HOIST			
16.0 GRAVEL BOX			
Gravel box to be proposed to supply mounted on chassis			
15-foot 34" sides plus sideboards			
1/4 HD floor plate AR200			
Controller integral with hydraulic package			
Large capacity hydraulic tank - 50 gallon			
Manual box tarp cover (driver's side)			
Tailgate inside skinned flat			
17.0 DELIVERY DATE			
State delivery date in quantitative number of weeks/days: _____			
18.0 SERVICING			
Vehicles must be fully serviced prior to delivery so that they may be put into service immediately upon receipt by the purchaser. Vendors shall correct any faults in material or workmanship which may become evident during the purchasers' inspection. If the corrections have to be made in the supply dealerships' repair shops, the dealer is responsible for the cost of transportation of the vehicles to and from place of delivery.			
19.0 SERVICE WARRANTY			
Warranty shall be the responsibility of the vendor or the manufacturer or both. RFP shall state the duration of the warranty period in:			
Months: _____			
RFPs shall include a copy of the Warranty Statements, including any conditions or limitations, with the RFP. RFP shall indicate yes or no, whether optional extended warranties are available and the costs.			
TYPE: _____			
TYPE: _____			
Documentation on warranty options are to be included with RFPs submissions.			
20.0 DESCRIPTIVE LITERATURE			
Detailed descriptive literature of the equipment as in the RFP shall accompany the submission.			
21.0 PRICE			
Price shall be quoted F.O.B. Didsbury.			
22.0 CASH PRICE			
Per unit, no trade, F.O.B. Didsbury:			
GST:			
Other Taxes/Charges (specify):			
TOTAL:			

Mountain View County

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23.0 CANADA MOTOR VEHICLE SAFETY ACT (If Applicable) Vehicles shall meet the provisions of the Act and the regulations made thereunder, which are in effect on the date of the manufacture of each vehicle.		
24.0 NATIONAL SAFETY MARK (If Applicable) Vehicles shall have this affixed to the vehicle. Vehicles that do not bear this mark will not be accepted.		
25.0 DEALER INFORMATION Manuals, pedigreed protection plan tech. service manual provided Pilot inspection Install AB Gov't inspection sticker includes: Fire ext., Flares, first aid kit Clean/detail complete Fleet Pre-delivery inspection, un-decking and check-in Supply and install (2) dual rotating beacon lites with chrome brackets Supply and install (2) mount snow plow lights on hood Standard shipping instructions		
26.0 PERFORMANCE/GRAPHICS/TECH DATA Ambient temperature, 77F (25.0C) Back of cab interferences, vertical exhaust, 9: (228 mm) from back of cab consists of 6" boc to rear edge of muffler and 3" for cab motion clearance		
27.0 DELIVERY DATE F.O.B. Delivery Didsbury Mountain View County requires delivery within 90 days from awarding of tender. State delivery date in quantitative number of weeks/days: _____		
28.0 OTHER REQUIREMENTS SERVICING: Units must be fully serviced prior to delivery so that they may be put into service immediately upon receipt by the purchaser. Vendors shall correct any faults in material or workmanship which may become evident during the purchasers' inspection. If the corrections have to be made in the supply dealerships' repair shops, the dealer is responsible for the cost of transportation of the units to and from place of delivery. SERVICE WARRANTY: Warranty shall be the responsibility of the vendor or the manufacturer or both. R.F.P.'s shall state the duration of the warranty period.		

Mountain View County

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R.F.P.'s shall include a copy of the Warranty Statements, including any conditions or limitations, with the R.F.P.		
R.F.P.'s shall indicate whether optional extended warranties are available and the costs for:		
TYPE: Bumper-to-Bumper (12 Months - Unlimited)		
TYPE: Standard - Extended/Powertrain		
DESCRIPTIVE LITERATURE:		
Detailed descriptive literature of the equipment as tendered shall accompany the submission.		
PRICE:		
Price shall be quoted F.O.B. Didsbury.		
CASH PRICE:		
Per unit, no trade, F.O.B. Didsbury		
GST		
Other Taxes/Charges (specify):		
TOTAL:		
CANADA MOTOR VEHICLE SAFETY ACT:		
Vehicles shall meet the provisions of the Act and the regulations made thereunder, which are in effect on the date of the manufacture of each vehicle.		
NATIONAL SAFETY MARK:		
Vehicles shall have this affixed to the vehicle. Vehicles that do not bear this mark will not be accepted.		